

Converting Colors

XYZ(34.8073, 34.5934, 96.1094)

Have a look what the booklet for
XYZ(34.8073, 34.5934, 96.1094)
contains.

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Color

**XYZ(34.8073, 34.5934,
96.1094)**

Conversions

Conversions Part 1

Format	Color
Hex	60A0FB
RGB	96, 160, 251
RGB Percent	38%, 63%, 98%
CMY	0.6235, 0.3725, 0.0157
CMYK	0.62, 0.36, 0.00, 0.02
HSL	215°, 95%, 68%
HSV	215°, 62%, 98%
XYZ	34.8073, 34.5934, 96.1094
YIQ	151.2380, -67.3550, 14.7330

Conversions

Conversions Part 2

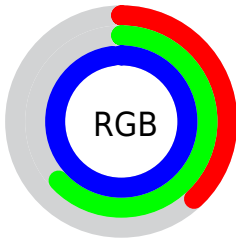
Format	Color
R _Y B	96, 141, 251
Decimal	6332667
CIE Lab	65.43, 6.73, -51.45
CIE LCh	65, 51.892, 277.450
Yxy	34.5934, 0.2103, 0.2090
Android (android.graphics.Color)	4284522747 (0xFF60A0FB)
YUV	151.2380, 49.1827, -48.4437
Hunter-Lab	58.8162, 2.7077, -55.7124

Details

The XYZ color **34.8073, 34.5934, 96.1094** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **59.6678, 56.8983, 18.9062**, and the grayscale version is **29.3354, 30.8632, 33.6100**.

A 20% lighter version of the original color is **56.1971, 62.5822, 103.7254**, and **15.2188, 14.8388, 53.1010** is the 20% darker color. If you saturate the color by 10%, you get **30.1705, 28.6331, 95.2040**, and if you desaturate by 10%, it is **40.5923, 41.5962, 97.1569**.

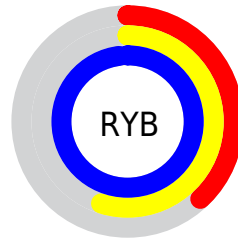
Distribution



Red (38%)

Green (63%)

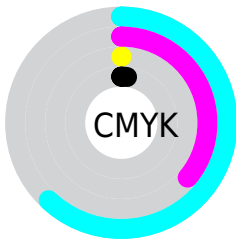
Blue (98%)



Red (38%)

Yellow (55%)

Blue (98%)

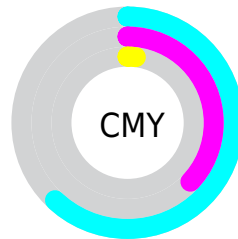


Cyan (62%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (62%)

Magenta (37%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8073, 34.5934, 96.1094 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.8073, 34.5934, 96.1094 by changing the saturation by 10% instead.

■ 34.8073, 34.5934,
96.1094

■ 34.8073, 34.5934,
96.1094

315.2399,
322.7700, 568.7853

■ 23.6803, 23.3498,
72.4567

■ 66.5231, 66.8554,
157.8051

■ 15.2201, 14.8520,
53.0427

■ 87.8427, 88.6426,
196.6852

■ 9.0613, 8.7156,
37.4489

■ 113.2904,
114.7132, 241.4782

■ 4.8386, 4.5562,
25.2567

■ 143.2317,
145.4515, 292.6027

■ 2.1867, 1.9893,
16.0477

178.0320,
181.2419, 350.4770

■ 0.7357, 0.6012,
9.4032

218.0565,

■ 0.0000, 0.0000,

222.4689, 415.5199

4.9047

263.6707,
269.5168, 488.1498

■ 0.0000, 0.0000,
2.1337

■ 0.0000, 0.0000,
0.6357

■ 34.8073, 34.5934,
96.1094

■ 34.8073, 34.5934,
96.1094

■ 30.1705, 28.6331,
95.2040

■ 40.5923, 41.5962,
97.1569

■ 26.5839, 23.6476,
94.4308

■ 47.6040, 49.6953,
98.3506

■ 23.9372, 19.5640,
93.7821

■ 55.9181, 58.9445,
99.6977

■ 22.3261, 16.7919,
93.3319

■ 65.6026, 69.3923,
101.2039

■ 76.7204, 81.0843,
102.8747

■ 89.3305, 94.0634,
104.7153

■ 94.4127, 99.7451,
105.5441

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.5986, 34.5934, 90.9022



34.8073, 34.5934, 96.1094



42.5685, 34.5934, 81.5031

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.8073, 34.5934, 96.1094



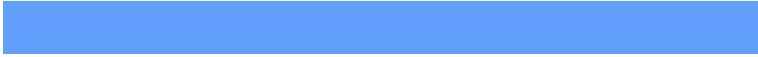
45.8692, 34.5934, 17.5505



21.1671, 34.5934, 23.8128

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.8073, 34.5934, 96.1094



59.6678, 56.8983, 18.9062

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.7858, 34.5934, 13.2872



34.8073, 34.5934, 96.1094



38.7955, 34.5934, 10.7629

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.8073, 34.5934, 96.1094



49.5632, 34.5934, 32.5065



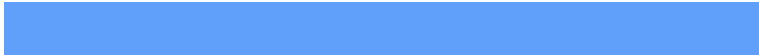
31.0252, 34.5934, 9.5770



20.4362, 34.5934, 43.3452

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.8073, 34.5934, 96.1094



46.7678, 34.5934, 64.9021



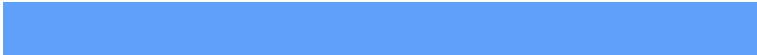
31.0252, 34.5934, 9.5770



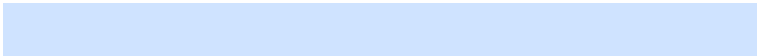
22.0558, 34.5934, 19.3677

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.8086, 34.5946, 96.1103



71.0038, 75.1151, 105.3641



48.2300, 75.0453, 58.6326



14.5258, 15.3647, 22.4500



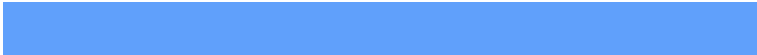
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.8086, 34.5946, 96.1103



30.3221, 28.3988, 98.4911



27.8939, 18.5790, 93.3834



16.8717, 17.8202, 21.9357



11.8708, 9.0971, 49.1038



1.2011, 1.0459, 4.5817

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.3130, 31.4149, 36.6704



48.2559, 27.2116, 29.1787



71.8976, 88.0314, 24.2709



17.5418, 17.3441, 19.4427



22.2838, 11.3293, 8.2031



2.1152, 1.0698, 1.0299

Previews

White Background



This preview shows how the XYZ color 34.8073, 34.5934, 96.1094 looks on a white background.

Color Contrast Check

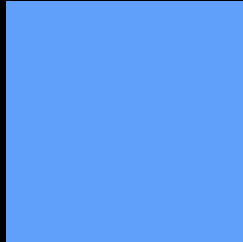
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.8073, 34.5934, 96.1094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

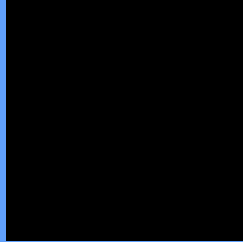
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

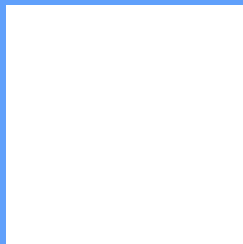
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.8073, 34.5934, 96.1094

Background



This preview shows how black text looks on a background with the XYZ color 34.8073, 34.5934, 96.1094.



This preview shows how white text looks on a background with the XYZ color 34.8073, 34.5934,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.8073, 34.5934, 96.1094

Protanopia

36.8220, 34.4432, 92.7032

Deuteranopia

35.4651, 34.4220, 96.0417



Tritanopia

26.0932, 34.5988, 52.3167

Trichromacy



Original Color

34.8073, 34.5934, 96.1094

Protanomaly

35.9397, 34.4687, 93.5658

Deuteranomaly

35.2902, 34.5861, 96.0826

Tritanomaly

28.6160, 34.1949, 66.0648

Monochromacy



Original Color

34.8073, 34.5934, 96.1094

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8853, 31.5244, 51.5234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8073, 34.5934, 96.1094 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(96, 160, 251) looks like.

```
.text, #text, p{  
    color:rgb(96, 160, 251)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(96, 160, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 160, 251) }
```

Border

The CSS property to change the border of an element to XYZ 34.8073, 34.5934, 96.1094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 160, 251) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(96, 160, 251) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(96, 160, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 160, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 160, 251);  
box-shadow:4px 4px 4px 4px rgb(96, 160,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8073, 34.5934, 96.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 160, 251) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(96, 160,  
251) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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